

trouble-free
for the
hypertensive patient

RAUWILOID[®]
alseroxylon, 2 mg.

worry-free
for the
physician



Just
2 tablets
at bedtime

Eight years of continuous use...some 600,000,000 patient-days of effective, safe therapy with RAUWILOID ...prove enduring patient-acceptance and physician-satisfaction...*without any revisions of claims, changes of dosage, or additional side actions encountered.*

RAUWILOID

is an original development of



Northridge, California

FOUR HUNDRED MILLIGRAMS OF PURE PAIN RELIEF

NEW
analexin®-400

400 milligrams of phenylramidol HCl

THE ONLY SIGNIFICANT RESPONSE IS RELIEF FROM PAIN

EXCEEDINGLY EFFECTIVE "... The 85.1% incidence of effectiveness with the 400 mg. dose has exceeded the analgesic effectiveness of any other analgesic agent which we have studied to date, either alone or in combination. ... The utilization of higher doses for short periods of time indicates that the medication has a large therapeutic range, and this is reflected in the high incidence of effectiveness and low likelihood of untoward reactions.

"The practicing physician translating this into his own needs may be completely confident of using a medication with an excellent predictability and a safe analgesic response."¹

EXTRAORDINARY MARGIN OF SAFETY.

Analexin-400 is non-narcotic and not narcotic related; thus, it presents no danger of habituation or any other reaction associated with the frequent use of narcotics. Nor will Analexin-400 produce sedation, mental confusion or depression occasionally observed with other analgesics or inter-neuronal blocking agents.¹⁻²³

INDICATIONS: Relief of pain in injury, low back pain, premenstrual cramping, dysmenorrhea, postoperative pain, and a wide variety of recurring and acute painful conditions.

DOSAGE: One capsule at onset of pain, followed by 1 capsule at intervals of 1 to 4 hours, as needed.

REFERENCES: From the Symposium, *Recent Concepts of Pain and Analgesia*, held in the Hall of States, American Hospital Association, Chicago, February 15, 1961: 1. Batterman, R. C.: *Non-Narcotic Analgesia in Ambulatory Patients*. 2. O'Dell, T. B.: *Experimental Parameters in the Evaluation of Analgesics*. 3. Miller, L. D.: *Distribution, Excretion and Metabolic Fate of Phenylramidol*. 4. Beisler, E.: *Preliminary Report of Experience with Phenylramidol for Dental Analgesia*. 5. Bader, G.: *Preliminary Report on the Use of Analexin for Dysmenorrhea in Telephone Operators*. 6. Taylor, S. L.: *Phenylramidol in General Hospital Orthopedics*. 7. Bodi, T.: *Pain Management Among Clinic Outpatients*. 8. Ramunis, J.: *Experience of an Industrial Surgeon with Phenylramidol*. 9. Kast, E. C.: *Methodological Considerations in the Clinical Evaluation of an Analgesic*. 10. Collopy, C. T.: *Preliminary Comparisons of Two Non-Narcotic Analgesic Agents in Hospitalized Orthopedic Patients*. 11. Cass, L. J.: *Report on the Analgesic and Calmative Effectiveness of Two Preparations on Patients with Acute and Chronic Pain*. 12. Lamphier, T. A.: *Intravenous Phenylramidol in the Management of Low Back Pain and Allied Disorders*. 13. O'Dell, T. B.: *Chicago Med.* 63:9, 1961. 14. Kast, E. C.: *Chicago Med.* 63:17, 1961. 15. Wainer, A. S.: *J. Am. M. Women's A.* 16:218, 1961. 16. Batterman, R. C.: *Ann. New York Acad. Sc.* 86:203, 1960. 17. O'Dell, T. B.: *Ann. New York Acad. Sc.* 86:191, 1960. 18. O'Dell, T. B., et al.: *J. Pharmacol. & Exper. Therap.* 128:65, 1960. 19. O'Dell, T. B., et al.: *Fed. Proc.* 18:1694, 1959. 20. Gray, A. P., et al.: *J. Am. Chem. Soc.* 81:4347, 1959. 21. Wainer, A. S.: *Clin. Med.* 7:2331, 1960. 22. Clinical data in files of Medical Dept., Irwin, Neisler & Co., 1959. 23. Batterman, R. C., et al.: *Am. J. Med. Sc.* 238:315, 1959.

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stimulates appetite,
strength, vitality

builds vital protein tissues —
Muscle¹
increased size and strength
Bone²
combats demineralization,
rebuilds stroma

improves mood
and outlook,
physiologically

Durabolin[®]

(nandrolone phenpropionate injection, Organon)

the safest and most potent sustained anabolic therapy

1. *virtually free of virilizing effects*
2. *sustained over 7-14 days*
3. *under your direct control*
4. *no adverse effect on liver function*

to improve mood and outlook; restore appetite, strength and vitality; relieve pain; stimulate gain in solid muscular weight; hasten recovery. Your patient *feels* better because he *is* better.

Indications: anorexia, chronic fatigue and post-viral debility, osteoporosis, mammary cancer, pre- and post-surgery, severe burns and trauma, and other catabolic conditions.

Supplied: DURABOLIN (25 mg. nandrolone phenpropionate/cc.) in 5-cc. vials and 1-cc. ampuls (box of 3). **New Durabolin-50** (50 mg. nandrolone phenpropionate/cc.) in 2-cc. vials.

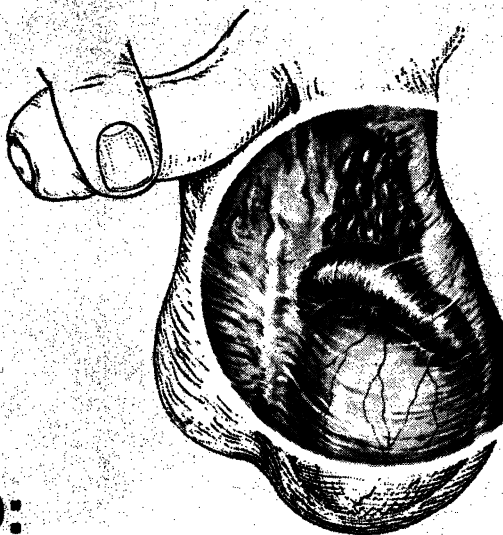
Dosage: Adults: 50 mg., i.m.; then 25 to 50 mg., i.m., weekly for twelve weeks. Children: 2-13 years—25 mg., i.m., every 2 to 4 weeks. Infants: half children's dose.

1. Osol, A. and Farrar, G. E., Jr.: *The Dispensary of the U.S.A.*, ed. 25, J. B. Lippincott, Phila., 1955, p. 1392.
2. Best, C. H. and Taylor, N. B.: *The Physiologic Basis of Medical Practice*, ed. 7, The Williams and Wilkins Co., Balt., 1961, p. 1104.



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cuts healing time in urologic conditions

Acute prostatitis responds very readily to Chymoral alone or with antibiotics, as does acute or chronic epididymitis.^{1,2} In instrumentation trauma or TUR surgery, Chymoral reduces the severity of traumatic or postsurgical edema and hematoma, accelerates absorption of blood and lymph effusions, allays pain and promotes a smoother healing.

**Controls inflammation, curtails swelling,
curbs pain**

1. Billow, B.W.; Cabodeville, A. M.; Stern, A.; Palm, A.; Robinson, M., and Paley, S. S.: *Southwestern Med.* 41:286, 1960. 2. Clinical Reports to the Medical Department, Armour Pharmaceutical Company, 1960.

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Chymoral is an ORAL anti-inflammatory enzyme tablet specifically formulated for intestinal absorption. Each tablet provides enzymatic activity, equivalent to 50,000 Armour Units, supplied by a purified concentrate which has specific trypsin and chymotrypsin activity in a ratio of approximately six to one. ACTION: Reduces inflammation of all types; reduces and prevents edema except that of cardiac or renal origin; hastens absorption of blood and lymph extravasates; helps to liquefy thick tenacious mucous secretions; improves regional circulation; promotes healing; reduces pain. INDICATIONS: Chymoral is indicated in respiratory conditions such as asthma, bronchitis, rhinitis, sinusitis; in accidental trauma to speed absorption of hematoma, bruises, and contusions; in inflammatory dermatoses to ameliorate acute inflammation in conjunction with standard therapies; in gynecologic conditions such as pelvic inflammatory disease and mastitis; in obstetrics as episiotomies and breast engorgement; in surgical procedures as biopsies, hernia repairs, hemorrhoidectomies, mammectomies, phlebitis and thrombophlebitis; in genitourinary disorders as epididymitis, orchitis and prostatitis; in dental and oral surgery as fractures of the mandible or maxilla, difficult or multiple extractions, and alveolotomies. CONTRAINDICATIONS: None known. INCOMPATIBILITIES: None known. Antibiotics as well as generally accepted measures may be coadministered. SIDE EFFECTS: Mild gastric upsets, rarely encountered. DOSAGE: Recommended initial dose is two tablets q.i.d.; one tablet q.i.d. for maintenance. SUPPLIED: Bottles of 48 and 250 tablets.

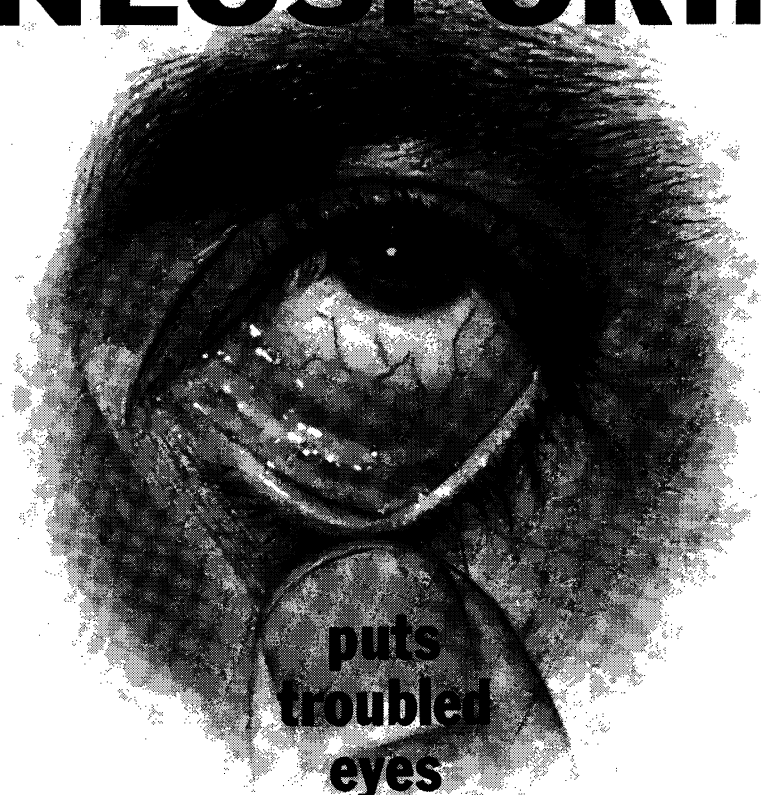


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troubled
eyes
at ease

controls most eye infections promptly...rarely sensitizes

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Each cc. provides:

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Sulfate 5,000 Units

Neomycin Sulfate 2.5 mg.
(Equivalent to 1.75 mg. Neomycin Base)

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Preservative—Thimerosal 0.001%

Bottles of 10 cc. with sterile dropper.

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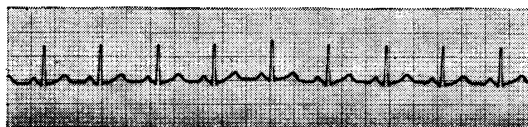
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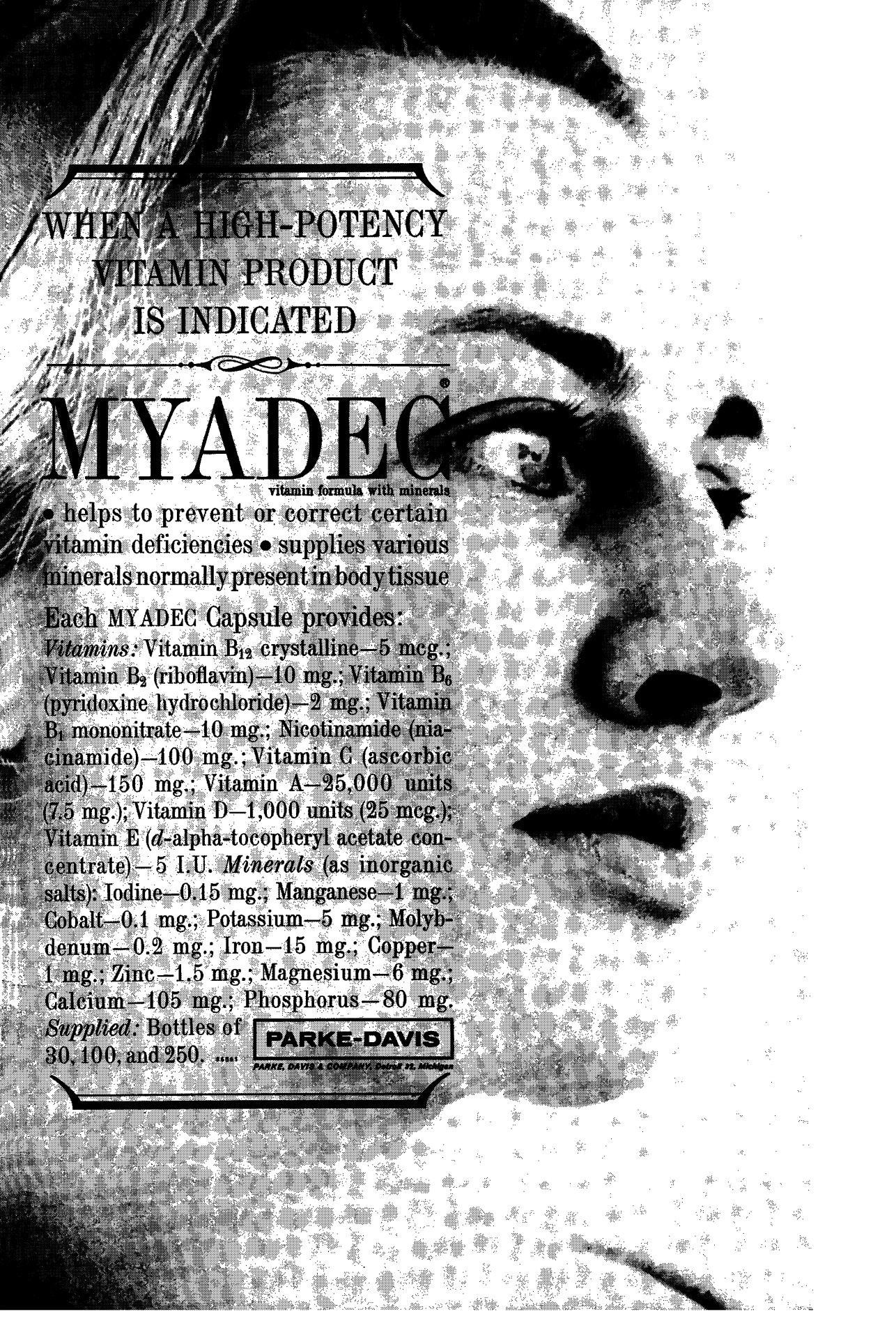


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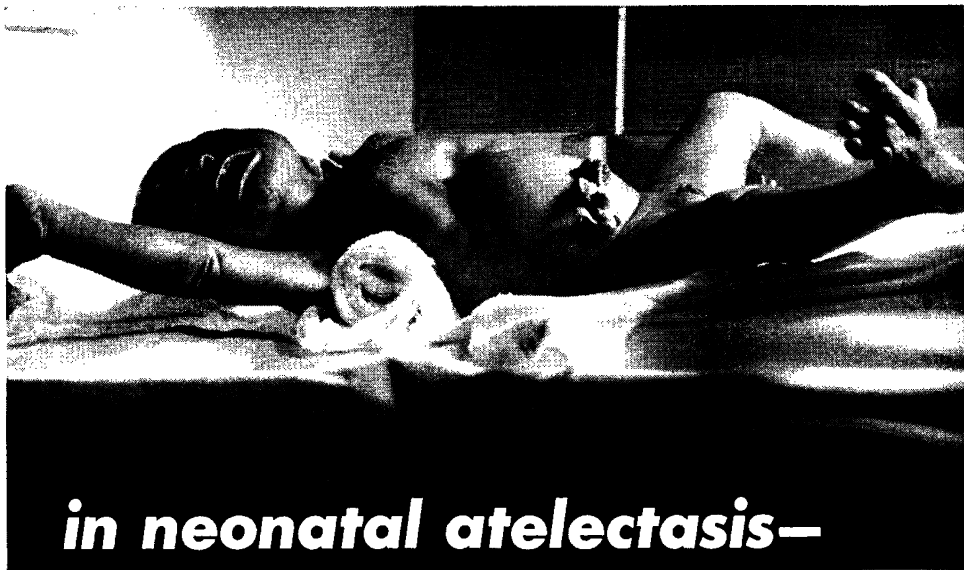
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Vitamins: Vitamin B₁₂ crystalline—5 mcg.; Vitamin B₂ (riboflavin)—10 mg.; Vitamin B₆ (pyridoxine hydrochloride)—2 mg.; Vitamin B₁ mononitrate—10 mg.; Nicotinamide (niacinamide)—100 mg.; Vitamin C (ascorbic acid)—150 mg.; Vitamin A—25,000 units (7.5 mg.); Vitamin D—1,000 units (25 mcg.); Vitamin E (*d*-alpha-tocopheryl acetate concentrate)—5 I.U. *Minerals* (as inorganic salts): Iodine—0.15 mg.; Manganese—1 mg.; Cobalt—0.1 mg.; Potassium—5 mg.; Molybdenum—0.2 mg.; Iron—15 mg.; Copper—1 mg.; Zinc—1.5 mg.; Magnesium—6 mg.; Calcium—105 mg.; Phosphorus—80 mg.

Supplied: Bottles of 30, 100, and 250.

PARKE-DAVIS

PARKE, DAVIS & COMPANY, Detroit 26, Michigan



in neonatal atelectasis—

ALEVAIRE®

(NONTOXIC MUCOLYTIC DETERGENT AEROSOL)

... results are impressive. This dreaded condition usually improved in a few hours, and it was really striking to see a cyanotic baby with gasping respirations and suprasternal retraction become relaxed and pink in such a short period of time."¹

In the elderly patient with chronic bronchitis "... favorable therapeutic response is obtainable with the use of Alevaire."²

ALEVAIRE

is very helpful in:

- neonatal asphyxia (due to inhalation of amniotic fluid, mucous obstruction, atelectasis)
- croup • laryngitis • tracheobronchitis
- pertussis • pneumonia • bronchial asthma
- emphysema • bronchiectasis • lung abscess
- pneumoconiosis • smoke, kerosene poisoning
- poliomyelitis (respiratory complications)
- routine oxygen therapy • tracheotomy
- prevention of postoperative pulmonary complications

Alevaire is supplied in bottles of 60 cc. for intermittent therapy and bottles of 500 cc. for continuous inhalation therapy. Alevaire should not be diluted. Alevaire solution is ready for use in a concentration optimal for fine droplet stability and therapeutic efficiency.

Write for illustrated brochure.

1. Smessaert, Andre; Collins, V. J., and Kracum, V. D.: *New York J. Med.* 55:1587, June 1, 1955.

2. Bonyol, A. L.: *Geriatrics* 14:621, Oct., 1959.

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when your tongue blade points to respiratory infection Ilosone® works to speed recovery



Through the years, Ilosone has built an impressive record as an effective antibiotic in common bacterial respiratory infections. Numerous published clinical studies attest to excellent therapeutic response with Ilosone. Decisive recovery has become a matter of record.

Efficacy of propionyl erythromycin and its lauryl sulfate salt in 803 patients with common bacterial respiratory infections

92.3% 235 patients	Tonsillitis*
88.3% 317 patients	Acute Streptococcus Pharyngitis*
95.3% 85 patients	Bronchitis* (Bacterial Complications)
88.6% 166 patients	Pneumonia*

*References supplied on request.

The usual dosage for infants and for children under twenty-five pounds is 5 mg. per pound every six hours; for children twenty-five to fifty pounds, 125 mg. every six hours.

For adults and for children over fifty pounds, the usual dosage is 250 mg. every six hours.

In more severe or deep-seated infections, these dosages may be doubled.

Ilosone is available in three convenient forms: Pulvules®—125 and 250 mg.†; Oral Suspension—125 mg.† per 5-cc. teaspoonful; and Drops—5 mg.† per drop, with dropper calibrated at 25 and 50 mg.

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†Base equivalent

Ilosone® (propionyl erythromycin ester lauryl sulfate, Lilly)



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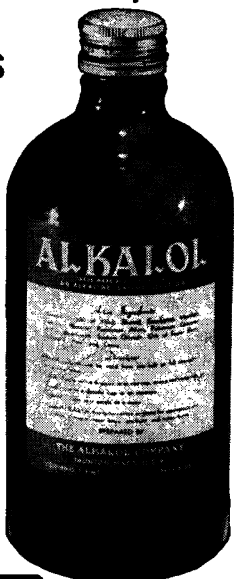
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Nilevar[®]

(BRAND OF NORETHANDROLONE)

■ *revives appetite* ■ *increases weight*

Newman¹ has reported an experience which illustrates the gratifying nutritional progress physicians^{2,3} often find when they prescribe Nilevar. He states:

"One of the most distressing jobs on the poliomyelitis ward is the dietitian's because most of the food comes back uneaten. . . . After the administration of Nilevar, the dietary department and the nurses had to have a conference about who was going to get the second breakfasts and the mid-night meals . . . there is no doubt — *there is a change in appetite.*"

Nilevar improves nutrition not only by increasing appetite but also by giving specific anabolic impetus to the body's utilization of food. All evidence indicates that the weight thus gained is deposited as muscle tissue so that typically patients both gain weight and retain weight with Nilevar.

The usual *adult* dosage is 30 mg. daily, adjusted to the anabolic needs and the response of individual patients. For

children the recommended daily dosage is 0.5 mg. per kilogram or 0.25 mg. per pound of body weight.

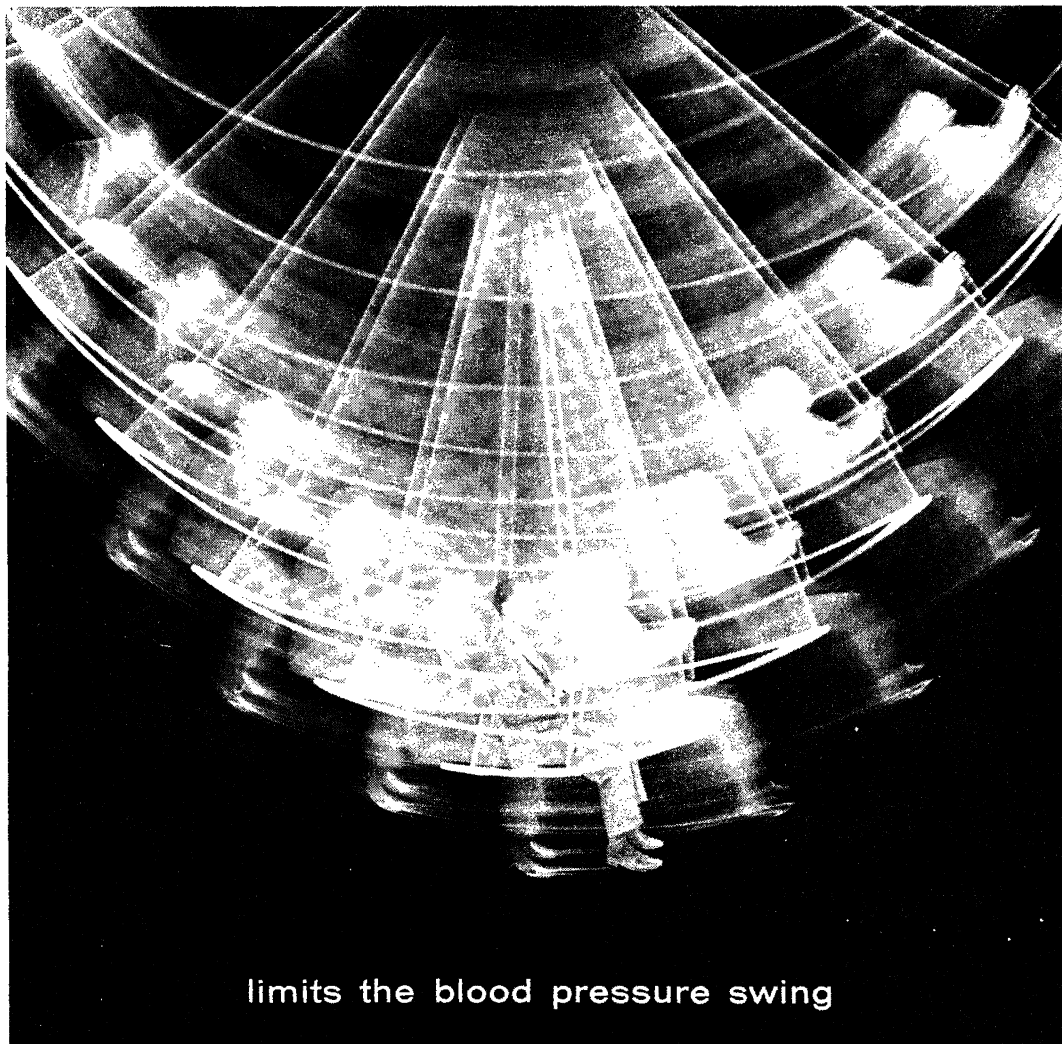
Nilevar, brand of norethandrolone, is supplied as uncoated, unscored white *tablets* of 10 mg. each; as *drops* supplying 0.25 mg. per drop; and, for intramuscular injection, *ampuls* of 25 mg. each.

G. D. SEARLE & CO.
CHICAGO 80, ILLINOIS
Research in the Service of Medicine

1. Newman, E. V.: Proceedings of a Conference on the Clinical Use of Anabolic Agents: Discussion, Chicago, Searle Research Laboratories, 1956, p. 44.

2. Brown, S. S.; Libo, H. W., and Nussbaum, A. H.: Norethandrolone in the Successful Management of Anorexia and "Weight Lag" in Children, Scientific Exhibit presented at the Annual Meeting of the American Academy of Pediatrics, Chicago, Oct. 20-23, 1958.

3. Watson, R. N.; Bradley, M. H.; Callahan, R.; Peters, B. J., and Kory, R. C.: A Six-Month Evaluation of an Anabolic Drug, Norethandrolone, in Underweight Persons: 1. Weight Gain, Am. J. Med. 26:238 (Feb.) 1959.



limits the blood pressure swing

Rautrax-N lowers high blood pressure gently, gradually . . . protects against sharp fluctuations in the normal pressure swing.

Rautrax-N offers all the advantages of Raudixin, Naturetin and potassium chloride in a single dosage form *plus: increased efficacy* – Combined action of Raudixin and Naturetin results in a potentiated antihypertensive effect greater than that produced by either drug alone. *increased safety* – Potentiated action permits lower dose of other antihypertensive agents, thus reducing severity of side effects. Protection against possible potassium depletion. *flexibility* – Interchangeable

with either Raudixin or Naturetin \bar{c} K. *economy* – Maintenance dosage of only 1 or 2 tablets daily for most patients. *convenience* – Once-a-day maintenance dosage. Two potencies available.

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Squibb Standardized Whole Root Rauwolfia Serpentina (Raudixin) and Bendroflumethiazide (*Naturetin) with Potassium Chloride


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and
urethritis
or
other
infections**

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against relapse—up to 6 days' activity on 4 days' dosage

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CAPSULES, 150 mg., 75 mg.; PEDIATRIC DROPS, 60 mg./cc.; SYRUP, 75 mg./5 cc.

Request complete information on indications, dosage, precautions and contraindications from your Lederle representative or write to Medical Advisory Department.

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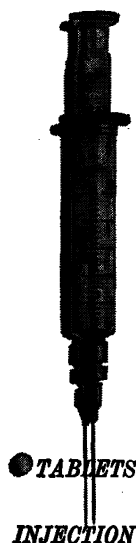
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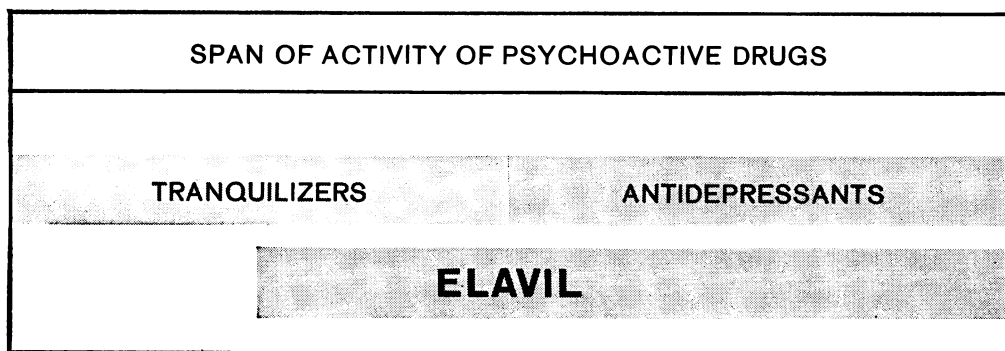
FOR YOUR PATIENT WITH DEPRESSION

ELAVIL®

AMITRIPTYLINE HYDROCHLORIDE

the antidepressant with a significant difference:
 • given orally or parenterally, ELAVIL provides
PROMPT relief of associated anxiety, tension,
 and insomnia • followed by control* of
 underlying depression

*Some depressed patients respond within 5 to 10 days, while others may require up to two weeks or longer to obtain benefit.



- a single agent (not a combination of compounds)
- effective in all types of depression...particularly useful in depressed patients with predominant symptoms of anxiety and tension.
- may be used in ambulatory or hospitalized patients
- not an amine oxidase (MAO) inhibitor



please turn page for EXCERPTS FROM A SYMPOSIUM ON DEPRESSION

SYMPOSIUM ON DEPRESSION

with Special Studies of a New
Antidepressant, Amitriptyline

A SCIENTIFIC MEETING

NEW YORK, N. Y.
March 4, 1961

EXCERPTS FROM A SYMPOSIUM ON DEPRESSION

ELAVIL®
AMITRIPTYLINE HYDROCHLORIDE

INVESTIGATOR

FINDINGS

DUNLOP, EDWIN:

The treatment of
depression in
private practice.

"Amitriptyline [ELAVIL] has a specific advantage over any antidepressant currently available and I see increasing evidence of its usefulness in reducing tension, agitation and anxiety, as well as in relieving the depressive quality of the illness. Amitriptyline appears . . . to combine better than any other antidepressant drug the successful treatment of anxiety at one end of the scale and depression at the other. Experience in the past has shown us that, when using electroshock or analeptics, although depression can be relieved, the accompanying anxiety eventually proves more troublesome than the depressive phase of the illness. Amitriptyline successfully bridges these divergent symptoms which are displayed in varying proportions in all depressive syndromes.

"... Approximately one hundred and twenty patients have been studied with amitriptyline during the last fifteen months. It is an effective antidepressant when employed in both hospital and ambulatory patients. Its dependability and freedom from toxicity and severe side effects merit further evaluation on a broader spectrum of depressive disorders."

BENNETT, DOUGLAS:

Treatment of
depressive states
with amitriptyline.

"In those cases showing a good response, early and dramatic improvement in sleeplessness resulted and many patients noted a feeling of relaxation. The ability of some patients to reduce their night sedatives after only a month's treatment was unique in my experience of the treatment of depression."

SAUNDERS, JOHN C.:

Antidepressives: the
pith of affective therapy.

"Its primary action in hospitalized psychotics is antidepressive; this along with its very low rate of side actions make it a drug of potentially frequent application in a broad spectrum of neuropsychiatric diseases. . . . Since a large part of any hospital population will reach a plateau if given only a tranquilizer or an energizer, we suggest that amitriptyline alone be given prior to combination therapy, as this drug is easier and safer to administer and produces a significant improvement in a high percentage of cases (60-75)."

OSTFELD, ADRIAN M.:

Effects of an anti-
depressant drug on tests
of mood and perception.

"Finally, it appears that amitriptyline in the doses employed here is relatively effective in depressed states of neurotic proportions. Its freedom from severe side effects in doses that are therapeutically effective seems established in this patient population."

(This symposium was published in
Diseases of the Nervous System,
Volume 22, Section Two—Supplement, May 1961)

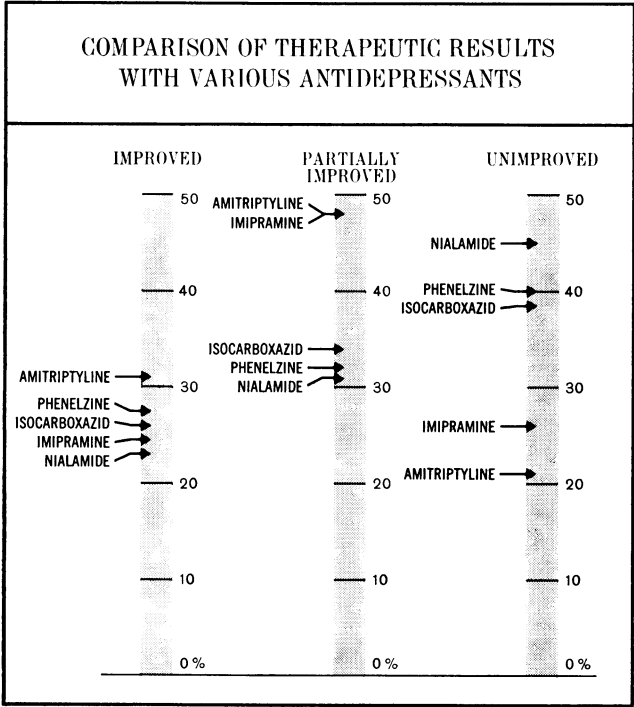
INVESTIGATOR

AYD, FRANK J., JR.:
A critique of
antidepressants.

FINDINGS

"Amitriptyline and imipramine induce similar side effects but, generally speaking, those of amitriptyline cause less subjective discomfort in patients than those of imipramine.

"... Many of the factors that favor a satisfactory response to these drugs are also those clinically associated with the expectation of a good reaction to ECT. The danger lies in their general slowness in taking effect which makes their use hazardous for severely depressed suicidal patients who, preferably, should be treated with electroshock therapy. Otherwise, these compounds can be a satisfactory substitute for shock therapy for most depressed patients. Thus, these drugs have lessened the need for ECT. On those occasions when ECT is necessary, if the shock therapy is combined with an antidepressant, ECT can be dispensed with after a few treatments."



EXCERPTS FROM A
SYMPOSIUM ON
DEPRESSION
(continued)

ELAVIL®

AMITRIPTYLINE HYDROCHLORIDE

INVESTIGATOR

FINDINGS

DORFMAN, WILFRED:
Masked depression.

"In evaluating the effectiveness of amitriptyline in all these different settings, it was considered to be effective in 17 of the 25 patients (68%)."

FELDMAN, PAUL E.:
Psychotherapy and
chemotherapy
(amitriptyline)
of anergic states.

"Compared to other energizer compounds, particularly the hydrazines, amitriptyline appears to be relatively nontoxic. The laboratory reports for the most part remained within normal limits. Occasionally, abnormal readings were reported, but these appeared only sporadically and were not related to any clinical findings."

INDICATIONS: manic-depressive reaction—depressed phase; involuntal melancholia; reactive depression; schizoaffective depression; neurotic-depressive reaction; and these target symptoms: anxiety; depressed mood; insomnia; psychomotor retardation; functional somatic complaints; loss of interest; feelings of guilt; anorexia. May be used whether the emotional difficulty is a manifestation of neurosis or psychosis,¹ and in ambulatory or hospitalized patients.^{1,2,3}

USUAL ADULT DOSAGE: Tablets — initial dosage 25 to 50 mg. three times a day, depending on body weight, severity, and clinical disturbances. Dosage may be adjusted up or down depending upon the response of the patient. Some patients improve rapidly, although many depressed patients require four to six weeks of therapy before obtaining antidepressant response. For the ambulatory patient the dosage range for Tablets ELAVIL is 40 to 150 mg. daily. In the hospitalized patient, a daily dosage up to 300 mg. may be required. Injection ELAVIL may be given IM to rapidly calm depressed patients with symptoms of anxiety and tension while instituting therapy of the underlying depression. Initial therapy is 2 to 3 cc. (20 to 30 mg.) IM, q.i.d.

The natural course of depression is often many months in duration. Accordingly, it is appropriate to continue maintenance therapy for at least three months after the patient has achieved satisfactory improvement in order to lessen the possibility of relapse, which may occur if the patient's depressive cycle is not complete. In the event of relapse, therapy with ELAVIL may be reinstituted.

ELAVIL is not a monoamine oxidase (MAO) inhibitor. It does, however, augment or may even potentiate the action of MAO inhibitors. Thus, in patients who have been receiving MAO inhibitors, ELAVIL should be instituted cautiously after the effects of the MAO inhibitors have been dissipated. No evidence of drug-induced jaundice, agranulocytosis, or extrapyramidal symptoms has been noted. Side effects with ELAVIL are seldom a problem and are not serious. They are dosage-related and have been readily reversible. Side effects (drowsiness, dizziness, nausea, excitement, hypotension, fine tremor, jitteriness, headache, heartburn, anorexia, increased perspiration, and skin rash), when they occur, are usually mild. However, as with all new therapeutic agents, careful observation of patients is recommended. As with other drugs possessing significant anticholinergic activity, ELAVIL is contraindicated in patients with glaucoma, prostatic hypertrophy and urinary retention.

SUPPLY: Tablets, 10 mg. and 25 mg., in bottles of 100 and 1000. Injection (intramuscular), in 10-cc. vials, each cc. containing 10 mg. amitriptyline hydrochloride, 44 mg. dextrose, 1.5 mg. methylparaben, 0.2 mg. propylparaben, and water for injection q.s.

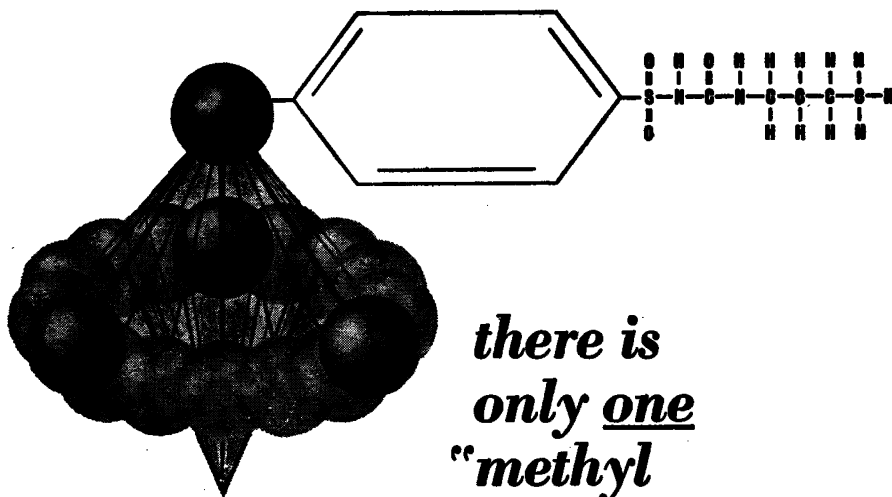
REFERENCES: 1. Ayd, F. J., Jr.: Psychosomatics 1:320, Nov.-Dec. 1960. 2. Dorfman, W.: Psychosomatics 1:153, May-June 1960. 3. Barsa, J. A., and Saunders, J. C.: Am. J. Psychiat. 117:739, Feb. 1961.

Before prescribing or administering ELAVIL, the physician should consult the detailed information on use accompanying the package or available on request.



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against the bacteria tested throughout the four year period, thus revealing negligible develop-
ment of bacterial resistance, if any, through the years." Jolliff, C. R., et al.: Antibiot. Chemother. (Wash.) 10:694, 1960.

*Conservative estimate based on the clinical use of FURADANTIN tablets and Oral Suspension since 1953.

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